	Compl. te if Known
Under the Paperwork Reduction Act of 1995, no persons are required to resp	pond to a collection of information unless it contains a valid OMB control number.
	U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE
riease type a plus sign (+) molecular box	Approved for use through 10/31/2002, OMB 0651-0031
Please type a plus sign (+) inside this box ->	PTO/SB/08A (08-00)

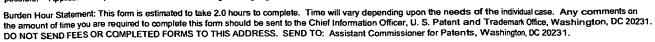
Substitute for form 1449A/PTO		Compl te if Known		
		Application Number		
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Filing Date		
		First Named Inventor		
		Group Art Unit		
		Examiner Name		
Sheet	of	Attorney Docket Number		

				U.S. PATENT DOC	JMENTS	
		U.S. Patent Document		Name of Patentee or Applicant	Date of Publication of	Pages, Columns, Lines, Where Relevant
Examiner Cite Initials* No. ¹	Number	Kind Code ² (if known)	of Cited Document	Cited Document MM-DD-YYYY	Passages or Relevant Figures Appear	
						_
-						
	-					
		 		*		
		<u> </u>			 	
	 					
	├	 	-++			
	└	 				
	<u> </u>					
<u> </u>	↓					

f T				FORE	IGN PATENT DOCUMENT	rs		
Examiner Cite Initials No.1	Foreign Patent Document			Name of Patentee or	Date of Publication of	Pages, Columns, Lines, Where Relevant	\top	
		Office ³	Number ⁴	Kind Code ⁵ (<i>if known</i>)	Applicant of Cited Document	Cited Document MM-DD-YYYY	Passages or Relevant Figures Appear	1.6
						<u> </u>		
								1_
								4_
					· · · · · · · · · · · · · · · · · · ·		···	+
								-
	<u> </u>							—
L	l							

Examiner	Date	
Signature	Considered	İ

¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.



^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Please type a plus sign (+) inside this box →	PTO/SB/08B (08-00) Approved for use through 10/31/2002. OMB 0651-0031 U. S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE required to respond to a collection of information unless it contains a valid OMB control number.
Substitute for form 1449B/PTO	Complete if Known
	Application Number
INFORMATION DISCLOS	SURE Filing Date
STATEMENT BY APPLIC	ANT First Named Inventor
OTATE MENT BY AN I EN	Group Art Unit
(use as many sheets as necessa	y) Examiner Name
Sheet of	Attorney Docket Number

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS						
Examiner Initials*	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.				
_						
			_			
	<u> </u>					
	-					
Examin Signatu		Date Considered				

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U. S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² Applicant is to place a check mark here if English language Translation is attached.